

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	(US-7112539-\$).did.	USPAT	OR	ON	2007/09/12 11:55
L3	1	1 and vapor\$5	USPAT	OR	ON	2007/09/12 15:47
L6	1	3 and (dielectric adj (film or layer)) and (metal\$3 adj (film or layer)) and (precursor or pre adj cursor) and (metal adj silicate) and CVD and ALD and silicon adj oxynitride	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 12:11
L9	2	("6020243").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/12 12:07
L19	28	(438/791,778,623,477,565,786,792, 240.ccls. or 257/e21.274.ccls.) and high adj k adj dielectric and CVD and ALD and metal adj source and (precursor or pre adj cursor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 20:19
L20	29	(US-20010024387-\$ or US-20020070404-\$ or US-20020098627-\$ or US-20030111678-\$ or US-20030129817-\$ or US-20040048467-\$ or US-20040121620-\$ or US-20040147101-\$ or US-20040147138-\$ or US-20040175586-\$ or US-20050136690-\$ or US-20060009044-\$).did. or (US-6613695-\$ or US-6780704-\$ or US-6821873-\$ or US-6831315-\$ or US-6943097-\$ or US-6958277-\$ or US-7056835-\$).did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 15:45
L21	6	(L19 or L20) and (MSiN or (M adj Si adj N))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 12:10

## EAST Search History

L23	6	21 and @ad<"20040305"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 20:19
L25	3	21 and (dielectric adj (film or layer)) and (precursor or pre adj cursor) and CVD and ALD	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 12:34
L27	1	(US-6984591-\$).did.	USPAT	OR	ON	2007/09/12 12:20
L28	25	("5231061"   "5337651"   "5382817"   "5393564"   "5499799"   "5650361"   "5668028"   "5783716"   "5820664"   "5861189"   "5879459"   "5998870"   "6015917"   "6048790"   "6067244"   "6214105"   "6214729"   "6225237"   "6541067").PN. OR ("6984591").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/12 12:21
L29	1	(US-6984591-\$).did.	USPAT	OR	ON	2007/09/12 12:34
L30	1	29 and (dielectric adj (film or layer)) and (precursor or pre adj cursor) and CVD and ALD and metal adj source	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 15:47
L31	1	30 and metal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 12:34
L32	1	31 and high adj k adj dielectric	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 15:46

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L37	2	1 or 32	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 13:23
L38	1	37 and (uniform\$5 and conform\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 13:12
L39	2	37 and metal and (precursor or pre adj cursor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 20:19
L41	2	("20070190807").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/12 13:28
L42	1	(US-20070190807-\$).did.	US-PGPUB	OR	ON	2007/09/12 13:28
L43	1	42 and ((post adj deposit\$4) or deposit\$4)	US-PGPUB	OR	ON	2007/09/12 13:29
L44	1	32 and (carbon or chlorine)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 13:37
L46	31	(19 20) and torr	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 15:45

## EAST Search History

L48	23	46 and @ad<"20040305"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 15:46
L49	17	48 and high adj k adj dielectric	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 15:46
L50	16	49 and metal and (precursor or pre adj cursor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 15:46
L51	15	50 and CVD and ALD and metal adj source	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 15:47
L52	8	51 and vapor\$5	USPAT	OR	ON	2007/09/12 15:47
L53	5	52 and (dielectric adj (film or layer)) and (metal\$3 adj (film or layer))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 15:49
L54	5	53 and anneal\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 15:49
L55	2	51 and (NOT anneal\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 15:49
L56	1	(US-20030072975-\$).did.	US-PGPUB	OR	ON	2007/09/12 15:51

## EAST Search History

L57	1	56 and high same dielectric and chamber and ((dielectric adj (film or layer)) or (metal\$3 adj (film or layer))) and (precursor or pre adj cursor) and CVD and ALD	US-PGPUB	OR	ON	2007/09/12 15:51
L58	1	57 and vapor\$5 and torr	US-PGPUB	OR	ON	2007/09/12 15:51
L59	1	(US-6984591-\$).did.	USPAT	OR	ON	2007/09/12 18:11
L60	1	59 and (alkoxy ligand dialkylamino)	USPAT	OR	ON	2007/09/12 18:12
L61	18	39 50	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 20:19
L62	17	61 and @ad<"20040305"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 20:19
L63	16	62 and high adj k adj dielectric and CVD and ALD and metal adj source and (precursor or pre adj cursor)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/12 20:20